

**Request: \$1,500,000**

**Project Name: FAA-RED-Advanced Materials Research**

**Entity Name/Location: National Institute for Aviation Research, Wichita State University, Wichita, KS**

Funding would be used to conduct Advanced Materials Research at the National Institute for Aviation Research at Wichita State University, Kansas

**Request: \$1,500,000**

**Project Name: FAA-RED-Composite Airframe Maintenance and Airworthiness Education and Training**

**Entity Name/Location: National Institute for Aviation Research, Wichita State University, Wichita, KS**

Steady growth in the use of composite materials has continued in commercial and military transport aircraft and rotorcraft. With an increasing number of aircraft using composite materials in structures critical to flight safety, the engineers and inspectors involved in certification and continued airworthiness assessments must be familiar with the associated technical issues and principles of safety management. The overall safety goal of their efforts is to maintain a high degree of airworthiness assurance with these advanced structures. The proposed research will develop a systematic approach to providing for safe use of composite and other advanced materials. It will engage the aviation industry on technical matters of relevance in mitigating the risk of accidents, incidents and emerging safety threats. This will directly support the active FAA Composite Safety & Certification Initiatives (CS&CI) to develop related policy, guidance and training. It will also develop strategies for international composite standards organizations, such as CMH-17 and CACRC.

**Request: \$1,000,000**

**Project Name: FHWA-STP-159th and US 69 Interchange Improvements**

**Entity Name/Location: City of Overland Park, KS**

U.S. Highway 69 is one of the major north/south routes in Johnson County (JOCO), Kansas. JOCO is the most populous and fastest growing county in the state of Kansas. Significant new development is occurring just to the south of this interchange, including plans to build a new hospital. Improvements to this intersection are crucial for improving traffic flow and safety.

**Request: \$400,000**

**Project Name: FHWA-STP-Bridge Rehabilitation,**

**Entity Name/Location: Sedgwick County, KS**

For construction for bridge rehabilitation in Sedgwick County, KS. Transportation system improvements and bridge rehabilitation will benefit area citizens by addressing traffic and safety concerns, while also stimulating growth in Sedgwick County.

**Request: \$1,000,000**

**Project Name: FHWA-STP-Conceptual Level Planning and Environmental Document for the Leavenworth Centennial Bridge/M-92**

**Entity Name/Location: City of Leavenworth, KS**

Completion of the project will improve connections between Leavenworth County and other parts of the Kansas City metro. The project will enhance the region's transportation system which will help stimulate economic prosperity in the region by relieving daily congestion, improving commerce, connecting the housing and employment centers in both Platte County, Missouri and Leavenworth County, Kansas. The project also promotes safety along the corridor route which is inherently dangerous especially at the Beverly Bridge location.

**Request: \$800,000**

**Project Name: FHWA-STP-Davis Road Improvements**

**Entity Name/Location: City of Ottawa, KS**

Davis Road serves many of the industrial partners in the city, a new housing development of 140 homes and the newest elementary school in the community. Growth has taken place and additional growth and traffic are anticipated for two reasons. First, a new intermodal facility is anticipated to be built in a neighboring community, which is anticipated to create additional traffic and business development. The completion of US Hwy 59 will also bring additional traffic to the area. This all holds substantial economic development potential for the community. However, the existing road is a narrow two-lane road with little shoulder and deep ditches. These improvements are needed for both public safety and business development.

**Request: \$270,000**

**Project Name: FHWA-STP-Denison-Marlatt Reconstruction Design**

**Entity Name/Location: Riley County, KS**

To fund the design of the reconstruction of Denison and Marlatt Avenues adjacent to the city limits of Manhattan to accommodate traffic increases resulting from the construction of the National Bio and Agro-defense Facility (NBAF). Denison Avenue will experience a reduced level of service without reconstruction as a result of the relocation of Kansas State University facilities required by the NBAF project and the anticipated placement of businesses and research institutes associated with NBAF along Denison Avenue. The reconstruction will provide far safer and efficient movement of traffic along Denison Avenue and flow of traffic to US 24.

**Request: \$1,500,000**

**Project Name: FHWA-STP-Design of Lone Elm Improvements (Old U.S. 56 Hwy to 183<sup>rd</sup> Street)**

**Entity Name/Location: City of Olathe, KS**

Over the last several years, the city of Olathe in partnership with state and federal agencies, has invested over \$67 million in the design and construction of a new

interchange at I-35 and Lone Elm Road. The new interchange improvement will tie into the unimproved Lone Elm Road. Funding would be used for the final design of roadway improvements to Lone Elm Road in the City of Olathe, located in Johnson County, Kansas. The areas to be designed are: Lone Elm from 183rd Street to 159th Street; and Lone Elm from 151st Street to Old U.S. 56 Highway. The city is proposing to reconstruct the existing two-lane asphalt roadway to a four-lane divided arterial with concrete pavement, curb and gutter and bike lanes. With these improvements, this area is poised for rapid growth and development. Additionally, safety will be improved by widening the road to four-lanes. Currently, crash rates are three times the statewide average for similar roads.

**Request: \$500,000**

**Project Name: FHWA-STP-First Street Reconstruction**

**Entity Name/Location: City of McPherson, KS**

First Street is a heavily traveled four-lane urban arterial street connecting industrial sections of the City of McPherson. Funds would be used for reconstruction from First Street from Hospital Drive to Elm Street and is part of larger effort to replace a longer stretch of First Street. First Street was reconstructed to a four-lane roadway sometime prior to 1969 in bituminous asphalt. Since 1980 various mill and bituminous overlay projects have been completed to preserve and maintain the pavement. The scope of services required to complete this project include engineering design, right of way acquisition, roadway construction and field inspection. Maintaining and attracting business and industry to the area is essential to the City of McPherson and the surrounding area's economy.

**Request: \$1,000,000**

**Project Name: FHWA-STP-Interstate 70 Viaduct Realignment**

**Entity Name/Location: Kansas Department of Transportation, Topeka, KS**

For the realignment of the Interstate 70 Viaduct in Topeka, KS. This action is needed to address safety concerns associated with current road configuration.

**Request: \$1,000,000**

**Project Name: FHWA-STP-I-235/Zoo/13th Interchange (Floodway Crossing) Improvements**

**Entity Name/Location: City of Wichita, KS**

Interstate 235 was constructed more than fifty years ago parallel to the floodway. West Wichita has experienced tremendous growth since that time, and traffic volume on I-235, Zoo, and Central Avenue has increased dramatically. Numerous studies over the last 15 years have identified the need for more connectivity across the Wichita Floodway to link underserved Northwest Wichita to the rest of the city, particularly the downtown area. Funds would be used to increase the number of interstate and floodway crossings. Transportation system improvements at this location will benefit area citizens by improving air quality, addressing congestion and safety concerns and by linking underserved areas and stimulating growth on the west side of Wichita.

**Request: \$500,000**

**Project Name: FHWA-STP-Transportation Infrastructure to serve the Kansas Logistics Park**

**Entity Name/Location: City of Newton, KS**

This roadway project will serve the new Kansas Logistics Park in Newton, Harvey County, Kansas. The Logistics Park's initial focus is to begin serving as a staging area for wind energy components. Once established, the Kansas Logistics Park will become a magnet for other major wind energy manufacturers and suppliers. Funds will be used to pave Hillside from Southeast 14th Street to a half-mile north as a three-lane industrial concrete section. The City of Newton and Harvey County expect to maintain the facility along with all other roadways through existing maintenance funding.

**Request: \$1,000,000**

**Project Name: FHWA-STP-Village West Access Improvement and Enhancement Project**

**Entity Name/Location: Unified Government of Wyandotte County, Kansas City, KS**

This major project is a joint agreement between state and local government, the Cerner Corporation, and the Wizards Professional Soccer Team. When completed, this development is expected to create a half a billion dollars annually for the economy in Kansas, a benefit that helps the entire state. The project will create more than 4000 long-term permanent jobs and thousands more seasonal full time and part time positions. The new development is expected to attract an additional 2.5 million people annually to Village West. In order to accommodate the expected growth and development of the Village West area, the Unified Government needs to make improvements in order to meet the transportation and safety needs of its residents, employees, and visitors. This project will include a series of smaller projects at Village West to enhance and improve transportation for both automobile and pedestrian traffic, which is expected to increase dramatically with the completion of the Cerner-Wizards development.

**Request: \$500,000**

**Project Name: NHTSA-O&R-Kansas State University Transportation Center**

**Entity Name/Location: Kansas State University, Manhattan, KS**

The funding will allow the K-State UTC to greatly expand its influence and contributions to finding and implementing solutions to problems related to the safety and sustainability of the nation's rural transportation systems and infrastructure. In addition, the K-State UTC can provide expertise to support other federally supported programs and centers currently in place at K-State. As an example, the K-State UTC expertise in the areas of transportation network modeling and simulation, emergency evacuation planning and traffic control could be a valuable asset in advancing the university's programs in agricultural bio-security. The K-State UTC expertise can be provided to support current state and university programs and initiatives as well (e.g., K-State and KDOT sustainability initiatives). Funding will allow the UTC to offer summer internships to their students and to establish programs to attract students from historically under represented groups into engineering to meet the demands of future workforce needs in the transportation profession.

**Request: \$10,245,000**

**Project Name: FTA-Bus and Bus Facilities-Statewide (rural and urban) Bus and Bus Facilities (FTA 5309) Program**

**Entity Name/Location: Kansas Department of Transportation, Topeka, KS**

Funding would allow the Kansas Department of Transportation to address transit needs throughout the state of Kansas.